GIRLS' HIGH SCHOOL
MATHEMATICS DEPARTMENT

Form 1 Academic Year: 2025 – 2026

Form 1 Teachers: Mrs. C. Daniel and Mrs. A. Jack

Term 2

Topic	Objectives
Computation with Fraction/Decimal	1. Perform the four basic operations (add, subtract, multiply and divide) with fractions and decimals. **2.** Perform operations with fractions, decimals and percentages; order of operations; converting between fractions, decimals and percentages; expressing one number as a percentage of another
Approximation	1. Express any decimal to a given number of decimal places.
Consumer Arithmetic Computation w. Fraction/Decimal	**1.** Identify the function of money 2. Compute the total price given quantity and unit price 3. Compute the unit price given the total quantity and total price 4. Identify best buys and bargains by comparing unit cost 5. Calculate actual profit or loss when the cost price and selling price are given. 6. Calculate the profit or loss percent. 7. Calculate the marked price (or Selling Price) when cost price and percentage profit or loss are given 8. Calculate discount and sales tax 9. Express a profit, loss, discount, markup, purchase tax as a percentage of some value
Coordinate Geometry	**1.** Identify the X and Y axes **2.** Identify the X and Y coordinates **3.** Relate ordered pairs to the X and Y axes **4.** Identify the region of quadrants 1 - 4 **5.** Read points from the Cartesian plane. **6.** Plot points on the Cartesian plane. (1cm to rep. 1 unit) **7.** Write coordinates of points as ordered pairs **8.** Connect points on the Cartesian plane to form plane
Transformation: Translation and Reflection	1. Define transformation 2. Define translation and give the properties of translation 3. Translate a plane figure 4. Determine the translation vector when the figure and its image are given 5. Reflect a plane figure (use mirror lines – y axis, x axis, y=k and x=c) 6. Give properties of a reflection 7. Determine the mirror line when shape and its image are given